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YAMAMOTO KAZUO**(54) METHOD FOR ESTIMATING DRUG METABOLIC ACTIVATION BY MUTATIONAL
ANALYSIS OF GLUCURONIC ACID TRANSFERASE GENE**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for judging, estimating or examining drug metabolism by effectively detecting mutation of a gene encoding UGT.

SOLUTION: Mutation of effective UGT1 gene is detected by examining mutation of a common domain, especially mutation of exon 5 domain and further adding detection of mutation of a plurality of exon domains since the gene encoding UGT comprises 5 exons and exon 2-5 domains are common domains for each isoform of UGT1. A nucleic acid chip utilizing a nucleic acid probe is used as the mutation examination means.

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